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NEW DELHI, SATURDAY, SEPTEMBER 26, 1981 (ASVINA 4, 1903)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके। १ Separate paging is given to this Part in order that it may be filed as a separate compilation

भाग Ш--सम्ब-2

PART III—SECTION 2

पेटेन्ट कार्यालय द्वारा कारी की गई पेटेन्टों और डिजाइमों से सम्बन्धित अधिसूचनाएं और नोटिस [Notifications and Notices issued by the Patent Office relating to Patents and Designs].

THE PATENT OFFICE PATENTS AND DESIGNS

Calcutta, the 26th September 1981

APPLICATION FOR PATENTS FILED AT THE HEAD OFFICE, 214, ACHARYA JAGADISH BOSE ROAD, CALCUTTA-700 017

The dates shown in crescent brackets are the dates claimed under Section 135 of the Act.

20th August, 1981

- 928/Cal/81. Metallgesellschaft A.G. Process of recovering oil from oil-containing minerals.
- 929/Cal/81. Mitsubishi Dehki Kabushiki Kaisha. Phaso discriminator circuit.
- 930/Cal/81. Industrie Face Standard SpA. Key strip particularly for telephone sets.
- 931/Cal/81. Italtel Societe Italiana Telecomunicazioni s.p.a.
 Input-output module for an electronic processor.

21st August, 1981

- 932/Cal/81. Mitsui Toatsu Chemicals, Incorporated and Toyo Engineering Corporation. Synthesis of
- 933/Cal/81. Mitsui Toatsu Chemicals, Incorporated and Toyo Engineering Corporation. Process for synthesizing urea.
- 934/Cal/81. Centre DE Recherches Metallurgiques—Centrum Voor Research In De Metallurgie. Method of manufacturing steel reinforcements for concrete, having improved properties.

- 935/Cal/81. Hoechst Aktiengesellschaft and Rheinische Braunkohlenwerke Aktiengesellschaft. Production of calcium carbide.
- 936/Cal/81. Italtel Societa Italiana Telecomunicazioni s.p.a.
 Improved buffer network for time-division telecommunication systems.

22nd August, 1981

- 937/Cal/81. Snamprogetti S.p.A. Process for producing mixtures of methanol and higher alcohols and mixtures obtained thereby.
- 938/Cal/81. N. Sen and Sm. Gouri Sen. Bobbins.
- 939/Cal/81. Westinghouse Electric Corporation. Large machine mounting arrangement.

24th August, 1981

- 940/Cal/81. Otsuka Chemical Co. Ltd. Carbamate derivatives, insecticidal, miticidal or nematocidal compositions containing the same, and process for reparing the same.
- 941/Cal/81. Ugine Actors. Novel nozzle for an oxygen injection lance for decarburisation of pig iron and use for the dearburisation of chromium containing pig iron.
- 942/Cal/81. A. K. Pramanik. Steering gearless automobile.
- 943/Cal/81. Taps & Dies Limited. Novel roller assembly for a tea processing machine, and a tea processing machine incorporating the same.
- 944/Cal/81. Taps & Dies Limited. Device for axial movement of rollers in a tea processing machine, and a tea processing machine incorporating such device.

(499)

1-257 GI/81

945/Cal/81. Taps & Dies Limited. Device for adjusting radial space between two rollers in a tea processing machine, and a tea processing machine incorporating such a device.

25th August, 1981

- 946/Cal/81. Stamicarbon B. V. Process for the preparation of phosphoric acid and calcium sulphate anhydrite as well as phosphoric acid and calcium sulphate anhydrite obtained by this process.
- 947/Cal/81. Metallgesellschaft Λ.G. Vertical plate electrode for an electrolytic gas generator.
- 948/Cal/81. Metallgesellschaft A.G. Process of recovering oil from oil-tontaining minerals.
- 949/Cal/81. Westinghouse Electric Corporation. Hot gas particulate removal.

26th August, 1981

- 950/Cal/81. Hitachi Ltd. Reference voltage generator device. [Divisional date February 8, 1979].
- 951/Cal/81. Hitachi Ltd. Reference voltage generator, device. [February 8, 1979].
- 952/Cal/81 Hitachi Ltd. Reference voltage generator device. [Divisional date February 8, 1979].
- 953/Cal/81. Hitachi Ltd. Reference voltage generation device. [Divisional date February 8, 1979].
- 954/Cal/81. Stamicarbon B.V. Polyoletin powder compositions, in particular polyethylene powder compositions, with improved adhesion, and objects made or to be made of such compositions.
- 955/Cal/81. Stamicarbon B.V. Polyolefin layer with improved adhesion to a plastic substrate.
- 956/Cal/81. R. L. Abbott. Apparatus for producing and dispensing cold products. (August 26, 1980).
- 957/Cal/81. Dr. Werner Freyberg Chemische Fabrik Delitia nachf.. Process for the manufacture of gas mixtures comprising phosphine. [Divisional date June 18, 1979].
- 958/Cal/81. Dr. Werner Freygerg Chemische Fabrik Delitia nachf. Process for the preservation of food-stuff commodities. [Divisional date June 18, 1979].
- 959/Cal/81, D. K. Sinha. Trackingless solar concentrator.

 ALTERATION OF DATE

149156

66/Del/80. Ante dated 12th May 1976.

149176

438/Del/79 Ante dated 5th August 1977.

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on Form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, give notice to the Controller of Patents on the prescribed Form 15, of such opposition. The written statement of opposition should be filed along with the said notice or within one month of its date as prescribed in Rule 36 of the Patents Rules, 1972.

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A limited number of printted copies of the specifications listed below will be available for sale from the Government of India Book Depot. 8, Kiran Sankar Roy Road, Calcutta, in due course. The price of each specification is Rs. 2/- (postage extra if sent out of India). Regulsition for the supply of the printed specifications should be accompanied by the number of the specifications as shown in the following list.

Typed or photo copies of the specifications together with photo copies of the drawings, if any, can be supplied by the Patent Office, Calcutta on payment of the prescribed copying charges which may be ascertained on application to that office.

CLASS 173A [XXIX(2)]

149138,

Int. Cl.-G05d 16/08, F15d 1/08.

FLUID TRANSFER APPARATUS.

Applicant: FESTO-MASCHINENFABRIK GOTTLIEB STOLL, OF ULMER STRASSE 48, ESSLINGEN, WEST GERMANY.

Inventors: KURT STOLL AND ULRICH KEES.

Application No. 1787/Cal/77 filed December 30, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims

A fluid transfer apparatus comprising an inlet for a continuously pressurised control medium, a nozzle arranged to have its bore sealed in a pressure-tight manner by a sealing element interacting with a controlled operating unit, an outlet communicating with the nozzle for control of the operating unit by said control medium, means defining a passage providing communication between the inlet and the nozzle bore, and control means which is operable to close said passage, but to open said passage immediately before the nozzle bore is sealed.

Comp. Specn. 11 pages.

Drg. 1 Sheet.

CLASS 146E [XXXVIII(2)]

149139.

Int, Cl.-G01k 11/00, 13/00.

COOKING THERMOMETER.

Applicant: RUEGER SA, OF CHEMIN DE MONGE-VON 9, 1023 CRISSIER-LAUSANNE/SWITZERLAND.

Inventor: ROLF RUEGER,

Application No. 99/Cal/78 filed January 25, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta

9 Claims

Cooking thermometer with a bimetallic spiral for turning a pointer around a scale marked on a circular dial, characterised by a watertight housing with a base and a transparent cover hermetically fitted to the said base, the base being made of a thermally conducting material and being capable of being mounted in a thermally conducting manner on the lid of a cooking vessel, by the means of fixing the base to the lid of a cooking vessel, and by a drum located inside the housing and supporting the dial the said drum being mounted so as to rotate about an axial hub rigidly fixed to the base and being in frictional contact with the said hub, such that the position of the drum may be adjusted in order to calibrate the thermometer.

Comp. Specn. 10 pages.

Drg. 3 sheets.

CLASS $32F_1$ & F_2b & $55D_2$ [IX(1) & XIX(1)] 149140. Int. Cl.-A01n 9/00, C07d 31/00.

A PROCESS FOR PRODUCING SUBSTITUTED PYRIDYLMETHYL ESTERS OF CYCLOPROPANECARBOXYLIC ACIDS USEFUL AS INSECTICIDES.

Applicant: THE DOW CHEMICAL COMPANY, AT MIDLAND, COUNTY OF MIDLAND, STATE OF MICHIGAN UNITED STATES OF AMERICA.

Inventors: SUDARSHAN KUMAR MALHOTRA, AND MICHAEL JOHN RICKS.

Application No. 161/Cal/81 filed February 13, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims

A process for producing a substituted pyridyl-methyl ester of a cyclopropanecarboxylic acid compound corresponding

wherein each X independently represents Ci-4 alkoxy, alkylthio, C 1-4 alkylsulfonyl, trilluoromethyl, 3, 4-methylenedioxy, chloro, fluoro, or bromo; n represents an integer of 0 to 2; Y represents oxygen or sulfur; R represents hydrogen, cyano, or ethynyl; and Z represents chloro, fluoro, or bromo, characterized by reacting a substituted pyridylmethanol compound corresponding to the formula II.

with a cyclopropanecarboxylic acid halide corresponding to the formula III.

$$ZC$$
 $CH = C(Z)_{Q}$

wherein X, n, Y, R, and Z are as defined above. in the presence of a solvent and a hydrogen halide acceptor temperature within the range of from 0° to 100°C.

Comp. Specn. 24 pages.

Drg. 1 sheet.

CLASS 32F.b [IX(1)]

149141.

Int. Cl.-A01n 9/00.

PROCESS FOR THE PREPARATION OF 2-HALO-N-(AZOLYLMETHYL)-ACETANILIDES.

Applicant : BASF AKTIENGESELLSCHAFT, LUDWIGSHAFEN, FEDERAL REPUBLIC (MANY.

Inventors: KARL EICKEN, WOLFG BERND ZEEH AND BRUNO WUERZER. WOLFGANG ROHR.

Application No. 177/Cal/78 filed February 16, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims

A process for preparing an acetanilide of the formula I.

where R denotes hydrogen, alkyl of a maximum of 5 carbon atoms, or alkoxy of a maximum of 5 carbon atoms, R1 deatoms, or alkoxy of a maximum of 5 carbon atoms, R¹ denotes hydrogen, halogen, alkyl of a maximum of 5 carbon atoms, alkoxy of a maximum of 5 carbon atoms, perhaloalkyl of a maximum of 4 carbon atoms, or alkoxyalkyl of a maximum of 5 carbon atoms, R¹ denotes hydrogen, halogen, alkyl of a maximum of 5 carbon atoms, perhaloalkyl of a maximum of 5 carbon atoms, perhaloalkyl of a maximum of 4 carbon atoms, or alkoxyalkyl of a maximum of 5 carbon atoms, or form, together with R, an alkylene chain of a maximum of 6 carbon atoms which is attached in the ortho-position and is optionally substituted by alkyl of a maximum of 4 carbon atoms, X denotes chloro, bromo, of a maximum of 4 carbon atoms, X denotes chloro, bromo, or iodo, and A denotes azole which is linked via nitrogen atom and is unsubstituted or mono- or polysubstituted by halogen, phenyl, alkyl, alkoxy, alkylthio or perfluoro-alkyl, each of a maximum of 4 carbon atoms, cyano, carboxy, carbalkoxy of a maximum of 4 carbon atoms in the alkoxy group, or alkanoyl of a maximum of 4 carbon atoms. Λ also being able to denote salts of the azoles containing 2 or 3 nitrogen atoms, wherein a 2-halo-N-halomethyl acetanilide of the formula II.

wherein R, R¹, R² and X have the above meanings, is reacted with a H azole of the formula H-A, where A has the above meanings, in the presence or absence of an agent which binds hydrogen halide and in the presence or absence of an inert solvent, and at temperatures of from 0° to 200°C and if desired, the product obtained in the reaction is reacted with an acid to form the corresponding salts.

Comp. Specn. 72 pages.

Drg. 8 sheets.

CLASS 98-I [VII(2)]

149142.

Int. Cl.-F24j 3/02,

SELECTIVE SOLAR ABSORPTION LAYER.

Applicant: DORNIER SYSTEM G.M.B.H., OF FRIEDRICHSHAFEN, POSTFACH 648, FEDERAL REPUBLIC OF GERMANY.

Inventors: DIPL-PHYS. WERNER SCHERBER AND DR. GUNTHER DIETRICH.

Application No. 175/Del/78 filed March 8, 1978. Convention date April 1, 1977/(13865/77) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

9 Claims

A process for manufacture of a selectively absorbent surface layer on a foundation of aluminium or aluminium alloy, the surface layer having a high absorption capacity (\pi) in the solar spectral region and low thermal emission capacity (\pi), in the radiant heat spectral region wherein a thin oxide layer having a pore raster substantially evenly distributed over its surface is produced on the foundation by anodisation, and metal is then deposited electrolytically in the pores so as to form metal rods upstanding from the pores.

Comp. Specn. 12 pages.

Drg. 2 sheets.

CLASS 107B [XLVI(2)]

149143.

Int. Cl.-F02m 39/00.

FUEL INJECTION PUMPING APPARATUS.

Applicant : LUCAS INDUSTRIES LIMITED, REAT KING STREET, BIRMINGHAM B19 ENGLAND.

Inventors: BRIAN EDWIN BR ROBERT THOMAS JOHN SKINNER. **BROADWITH** AND

Application No. 297/Cal/78 filed March 20, 1978. Convention date February 21, 1978/(06750/78) U.K. Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims

A fuel injection pumping apparatus for supplying fuel to a compression ignition internal combustion engine and of the kind comprising an injection pump operable, in use, to deliver tuel at high pressure to the injection nozzles of the associated engine and in timed relationship therewith, the apparatus including a fuel control member movable to very the amount of fuel supplied by the injection pump, a timing soutrol member movable to vary the timing of delivery of the fuel by the injection pump and governor means including speed responsive means which is responsive to the speed of the associated engine, said governor means comprising a first spring which at one end is subjected to the force exerted by said means and which at its other end engages and adjustable abutment, a second spring positioned between said adjustable abutment and a support member, the strength of said second spring being less than the strength of the tirst spring, said second spring being operative under engine idle conditions and forming with said means an idle governor, said first spring being operative at higher engine speeds and forming with said means a maximum speed governor, manually operable means which can be engated with said adjustable abutment when it is required to increase the amount of fuel supplied by the apparatus and means operable from the exterior of the apparatus for effecting an increase in the force exerted by said second spring whereby the idling speed of the engine is increased.

Comp. Specn. 18 pages.

Drg. 3 sheet,

CLASS 5D [I(1)]

149144.

Int. Cl.-B05b 9/00.

IMPROVEMENTS IN AND RELATING TO AN AGRICULTURAL HAND SPRAYER.

Applicant & Inventor: RAJ KUMAR GHOSH, 161-A, TECHNICAL AREA, DAKSHINESWAR, CALCUTTA-700 057, STATE OF WEST BENGAL, INDIA.

Application No. 537/Cal/78 filed May 17, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims

An improved agricultural hand sprayer for spraying liquids comprising of a barrel having a handle, an inlet being connected with a hose pipe from a supply or storage tank baving a non-return valve leading into the said barrel, a planger telescopically slidable in said barrel, a washer defining a piston mounted on the said plunger, and a leading tabe extending into a spray nozzle characterised in that the said sprayer is provided with a pressure tank adapted to receive some amount of the spraying liquid so as to compress the air sucked into the barrel in the pressure tank for a continuous and automatic spray of the liquid.

Comp. Specn. 11 pages.

Drg 1 sheet.

CLASS 40F & 84B [IV(1) & XXXII(21)]

149145

Int. Cl.-C10g 27/00, 29/00, 31/00.

A PROCESS FOR TREATING A SOUR PETROLEUM DISTILLATE FOR REMOVING MERCAPTANS.

Applicant: UOP INC, AT TEN UOP PLAZA—ALGON-CUIN AND MT. PROSPECT ROADS, DES PLAINES, LLINOIS, U.S.A.

Inventor: DAVID HAROLD JOSEPH CARLSON.

Application No. 387/Del/78 filed May 23, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

11 Claims. No drawings.

A catalytic process for treating a mercaptan-containing sour petroleum distillate contaminated with acidic catalyst toxins or toxin precursors which comprises:

(a) contacting said distillate with a weak base anion exchange resin and recovering said distillate reduced in mercaptan content and substantially free of acidic catalyst toxins and precursors thereof:

- (b) contacting the resulting distillate with a supported metal phthalocyanine catalyst in admixture witht an oxidizing agent and an alkaline solution having a pH of from about 9 to about 14; and
- (c) recovering thus treated distillate substantially free of mercaptans.

Comp. Speen. 13 pages.

Drgs. Nil.

CLASS 155D [XXIII]

149146.

Int. Cl.-B32b 27/00, 31/00.

A METHOD AND APPARATUS FOR PRODUCING \boldsymbol{A} LAMINATED STRUCTURE.

Applicant: ASSICAN AKTIEBOLAG, OF SVEAVAGEN 59, S-105 22 STOCKHOLM SWEDEN.

Inventor: ROLF BERG.

Application No. 407/Del/78 filed May 31, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

11 Claims

A method for producing a laminated structure comprising bonding a first web taken from a first storage real to a second web, taken from a second storage reel, each of said webs having a polyolefin resin surface thereon, comprising the steps of heating the polyolefin resin surface of the first web to a tacky or molten state; heating the polyolefin resin surface of the second web to a given temperature beneath the melting temperature thereof and substantially maintaining said temperature of the second web throughout the remaining steps, and pressing said polyolefin surfaces together while the resin surface of the first web is still tacky or molten to form a laminate, said given temperature being of a magnitude as herein described such that said surfaces, when pressed together, will be joined to form a substantially permanent bond therebetween.

Comp. Specn, 12 pages.

Drg. 1 sheet.

CLASS 166A [LIII(2)]

149147.

Int. Cl.-B63b 3/00, B63b 9/00, B63b 13/00,

B63b 17/00.

BARAGE-CARRYING WATERBORNE VESSEL AND TRANSPORTATION METHOD.

Applicant: WHARTON SHIPPING CORPORATION, C/O QUIJANO ASSOCIATES, AVENI-DA J. AROSEMENA Y CALLE 32, EDIFICIO VALLARINO, PANAMA.

Inventors: WILLIAM EVERETT KIRBY AND DAVID JACKSON SEYMOUR.

Application No. 598/Cal/78 filed June 1, 1978.

Addition to No. 1259/Cal/76.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

18 Claims

A waterborne vessel including in combination a hull with rigid supporting and hull-reinforcing structure, a bow, a stern, and side walls providing a series of buoyancy compartments, said hull having a hollow interior defining at least one hold extending most of the length of said vessel and having a bottom; hold-flooding means for enabling passage of water from the sea into said hold; pumping means for pumping water from said hold to dry out said hold; gate means at one end of said vessel for flotation loading of said hold when said hold is partially flooded, with a plurality of buoyant cargo carriers such as barges, lighters and pontoons placed by flotation loading through said gate means into predetermined locations within said hold, collision bulkhead means located adjacent said gate for closing said hold off in a watertight manner, and opening and closing means for moving said collision bulkhead means so as to enable said flotation loading and unloading of said vessel.

Comp. Specn. 41 pages.

Drg. 5 sheets.

CLASS 129G (XXXV)

149148.

Int. Cl.-B21f 11/00.

LEAD CROPPING APPARATUS.

Applicant: COSARNIA LIMITED, OF ST. JULIAN'S COURT, ST. PETER PORT, GUERNSEY, CHANNEL ISLANDS

Inventor: LESLIE JOHN HONEY BARNACLE.

Application No. 637/Cal/78 filed June 12, 1978.

Convention date June 14, 1977/(24667/77) U.K. and 11th March 1978 (09723/78) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

34 Claims.

Apparatus for cropping the connecting leads of electrical components assembled on a circuit board having locating holes therein through which the leads have been inserted, which are to be used to locate the components, said plate maying a first surface against which, in use, is placed the circuit board on which electrical components have been attractioned by pressing the leading thereof the circuit board on which electrical components have been attractioned by pressing the leads thereof thereof. arranged by passing the leads thereof through appropriate holes in the circuit board, the leads extending through the holes in the circuit board and also through corresponding anotes in the circuit board and also through correspoding soles in the plate; a first structure adapted to support the plate and on which is mounted a cutter means movable in proximity to a second surface of the plate substantially parallel with said first surface to crop the portions of the leads of the components extending through the holes in the plate beyond said second surface by a shearing or cutting action; and a second structure carrying a multiplicity of substantially parallel rods which are movable into engagement with components on a circuit board placed on said plate which is supported on the first structure, the ends of the rods engaging said components to hold the components plate which is supported on the first structure, the ends of the rods engaging said components to hold the components in position on the circuit board and said rods being indivi-dually axially displaceable whereby the rods are displaced relatively to one another according to the size or shape of the different components, said first and second structures being movable relative to one another whereby movement of one of said structures towards or away from the other is effective to move the rods into engagement with the components on the circuit board or to release the rods from the components.

Comp. Specn. 34 pages.

Drg. 6 sheets.

CLASS 69B & I [LIX]

149149,

Int.Cl.-H01h 33/00.

A HIGH VOLTAGE CIRCUIT INTERRUPTER.

Applicant: WESTINGHOUSE ELECTRIC CORPORA-TION, OF WESTINGHOUSE BUILDING, GATEWAY CENTRE, PHTTSBURGH, PENNSYLVANIA 15222, UNIT-ED STATES OF AMERICA.

Inventors: JOSEPH RICHARD ROSTRON, WILLIAM HENRY FISCHER, CHARLES FELLX CROMER, SYLVESTER JOSEPH DROPIK AND KENT DAVID DASCHKE.

Application No. 670/Cal/78 filed June 16, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims

A high-voltage circuit interrupter using a dielectric fluid the resultant arc formed from interrupting substantially diminishing the flow of said fluid and causing an incipient high-pressure maximum and extinguishment of said arc near a current zero causing an incipient low pressure minimum, said interrupter comprising movable and fixed contacts disposed in at least a partially cofined enclosure, means for introducing said dielectric fluid into said enclosure at a predetermined initial high pressure and substantially maintaining said pressure over a predetermined time interval, energy storage means responsive to said high-pressure fluid and changes in said fluid flow for smoothing the resultant pressure of said fluid by reducing said pressure maximum and increasing said pressure minimum. and increasing said pressure minimum.

Comp. Specn. 12 pages

Drg. 3 shoots.

CLASS 104J & L · & 116C [XII(1) & XLIX]

Int. Cl.-B30b 15/06.

149150,

A PROCESS PLATEN FOR REPAIR OF CONVEYOR BELTS:

Applicant: WAGNER & CO., IN DER GRASLAKE 20, D-5830 SCHWELM, FEDERAL REPUBLIC OF GER-MANY.

Inventors: ROLF EBERHARD AND ULRICH MAI-WURM.

Application No. 770/Cal/78 filed July 12, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims

A press platen, particularly for equipment for the jointing or repair of conveyor belts, comprising a frame, a pressure sheet adapted to be applied to the conveyor belt, a cover sheet and an electrical heating installation with heaters, the electrical heating installation comprising a distributor plate with at least or a plurality heater apertures in raster distri-bution, heating capsules being accommodated within said apertures.

Comp. Specn. 10 pages.

CLASS 6A, & 190B [XLVII(1) & XLIV(4)] Int. Ck.-F23; 11/00. 149151.

A DUCT FOR EXHAUST GAS OF A GAS TURBINE PLANT.

Applicant: KRAFTWERK UNION AKTIENGESELLS CHAFT, 433, MULHEIM (RUHR), WIESENSTR. 35, FEDERAL REPUBLIC OF GERMANY.

Inventors: DR. JOSEF MEYER AND HEINRICH

Application No. 776/Cal/78 filed July 13, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

A duct suitable for an exhaust gas of a gas turbine plant which comprises an outer casing and an inner casing located within and spaced apart from the outer casing, one end region of the inner casing being secured to the outer casing or a base by a plurality of resilient elongate members, which in use of the duct, permit thermal expansion or contraction of the inner casing relative to the outer casing or base.

Comp. Specn. 7 pages.

Drg. 1 sheet.

CLASS 206E [LXII]

149152.

Int. Cl.-H03d 7/00.

SIGNAL TRANSFER SYSTEM FOR TIME DIVISION SWITCHING CENTRES

Applicant: INTERNATIONAL STANDARD ELECTRIC CORPORATION, OF 320 PARK AVENUE, NEW YORK 22, STATE OF NEW YORK, UNITED STATES OF AMERICA.

Inventors: ANDRE ROBERT HENRION AND MARCEL ARTHUR VAN BRUSSEL.

Application No. 828/Cal/78 filed July 28, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims

A signal transfer system for a time division switching centre, including at least one PCM multiplex highway carrying a signalling channel and speed channels, a line signalling controller associated with that highway having a signalling memory arranged to store line signalling information received from the signalling channel in a cell peculiar to each speech channel, at least one multiregister for receiving the register signalling of a speech channel which is connected to it in the register phase of a connection of is connected to it in the register phase of a connection, a connection network permitting selective connection of the speech channels to one another and to the multiregister,

and a central control unit having access to the signalling controller, to the multiregister and to the connection network, wherein the transfer system transfers the line signalling of a speech channel in register phase from the signalling controller to the multiregister, and wherein the transfer system comprises in the line signalling controller. transfer system comprises in the line signalling controller, a marking memory with one cell per speech channel arranged for storing a bit supplied by the central unit, wherein said stored bits each have a specific value when the speech channel is in register phase, wherein reading means reads in relation to a bit time slot of each speech channel, the signalling memory cell and the marking memory cell peculiar to a speech channel, wherein switching means is controlled by the bit from the marking memory cell, when it has the said specific value, to switch onto the multiplex highway instead of a bit from the speech channel, a line signalling bit coming from the signalling memory cell and wherein the multiregister includes selection means for selecting the said signalling bit in the information transmitted by the corresponding speech channel, so that the multiregister receives in this way at the same time for this speech channel the line signalling and the register signalling information. transfer system comprises in the line signalling controller, information.

Comp. Speen, 22 pages.

Drwgs. 4 sheets.

CLASS 176H [XLV(4)]

149153.

Int. Cl.-F22b 37/24.

STEAM GENERATOR.

Applicant: KRAFTWERK UNION AKTIENGESELLS-CHAFT, 433 MULHEIM (RUHR), WIESENSTR. 35, FEDERAL REPUBLIC OF GERMANY,

Inventors: ZVONIMIR STERK, MARTIN SAWITZKI AND HEINZ GRIMM.

Application No. 869/Cal/78 filed August 8, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

11 Claims

Steam generator comprising a cylindrical housing, multiplicity of U-tubes being the tube bundle for conducting primary medium enclosed by said housing, at least one tube support plate holding said tube bundle, said cylindrical housing including a base member secured to said tube support plate and defining therewith inlet and outlet chambers for the primary medium, said cylindrical housing having a pair of opposing flanges on portions of said portions of said cylindrical housing on opposite sides of said tube support plate, characterized by that said flange connection means are releasable for assembling and disassembling said tube bundle and comprises a stud bolt connection, said flanges having opposing sealing surfaces, a lip seal disposed between said sealing surfaces and having radially outwardly between said sealing surfaces and having radially outwardly protruding lips tightly welded to one another, said lips having a radially inner region secured by respective circular bead welds to said flanges.

Comp. Specn. 17 pages.

Drg. 2 sheets.

CLASS 129J [XXXV]

149154.

Int. Cl.-B21b 15/00, B21b 9/00.

ROLLING MILL FOR THE HOT ROLLING OF STEEL STRIP.

Applicant: G. S. K. STEEL DEVELOPMENTS LIMITED, OF BANK BUILDINGS, HIGH STREET, CHEPSTOW, GWENT, WALES.

Inventor: JOHN MENZIES KEY.

Application No. 879/Cal/78 filed August 10, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Offico, Calcutta.

16 Claims

A rolling mill for the hot rolling of steel lsab into strip, comprising: (a) a roughing mill for initial reduction of the steel slab; (b) an intermediate thermal shield for insulating or reheating the partially-reduced slab; and (c) a finishing mill train for producing steel strip of the required thickness.

Comp. Specn. 10 pages.

Drg 1 sheet.

CLASS 154D & 186D & F [XXXVII(1) & .

LXI(1)1

149155.

Int. CI.-B41j 29/00, H041 21/00

IMPROVEMENTS IN OR RELATING TO GUIDING ARRANGEMENTS FOR NEEDLES OF A MOSAIC NEEDLE PRINTER.

Applicant: SIEMENS AKTIENGESELLSCHAFT, OF BERLIN AND MUNICH, WEST GERMANY.

Inventors: PHILIPP JOSEF FISHER AND RICHARD REIER.

Application No. 929/Cal/78 filed August 23, 1978.

Convention date March 21, 1978/(11035/78) U.K.

Appropriate office for opposite Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

16 Claims

A guiding arrangement for needles of a mosaic needle printer, the arrangement comprising a drive device for each needle, the drive devices being disposed either in one row with their axes occupying a single plane or in a plurality of rows with the axes of the devices of each row occupying a respective single plane, there being provided for the or each row a pair of guide plates between which are defined guide tracks for respective needles driven, in use of the arrangement by the drive devices of the associated row.

Comp. Specn. 13 pages.

Drg. 3 sheets.

CLASS 32E [IX(1)]

149156.

Int. Cl.-C08f 45/62.

A PROCESS FOR MAKING A FILLED POLYMERIC COMPOSITION

Applicant: KENRICH PETROCHEMICALS, INC., AT THE FOOT OF EAST 22ND STREET, BAYONNE, NEW JERESY 07002, UNITED STATES OF AMERICA.

Inventors: ALLVATORE JOSEPH MONTE GERALD SUGERMAN.

Application No. 66/Del/80 filed January 30, 1980.

Divisional of Application No. 835/Cal/76 filed May 12. . 1976.

Appropriate office for opposition Proceedings (Rule 4; Patents Rules, 1972) Patent Office, Delhi Branch.

22 Claims. No drawings.

A process for making a filled polymeric composition which comprises mixing a polymeric material with a filler comprising of 100 parts by weight of an inorganic material such as herein described treated with at least 0.01 parts by weight of a compound having the formula:

(I) $(RO)_x Ti(A)_x (B)_y$

wherein R is a monovalent alkyl, alkenyl, alkynyl, or aralkyl group having from 1 to 30 carbon atoms or substiaralkyl group having from 1 to 30 carbon atoms or substituted derivatives thereof; A is a thioaryloxy, sulfonic, sulfnic, diester phosphate, diester pyrophosphate or a substituted derivative thereof; B is OCOR' or aryloxy (OAr) R' is hydrogen or a monovalent organic group having from 1 to 100 carbon atoms; x+y+z equals 4; z may be 1, 2 or 3; and x and y may be 0, 1 or 2 with the proviso that when x equals 0 then 8 equals 1, y equals 3 and at least one B is an alyloxy group or alternatively, all three B groups are OCOR' wherein the total number of carbon atoms in the three R' groups is not more than 14.

Comp. Speen, 26 pages.

Drgs. Nil.

CLASS 25A & 27-0. [xxv(1) & xxvi (1)]

149157

Int. Cl.-E04c 1/00.

BUILDING BLOCK SET AND METHOD OF BUILDING BLOCK SETS.

Applicant: HANOTA HOLDINGS S.A., OF 37, RUE NOTRE-DAME, LUXEMBOURG, GREAT-DUCHY OF LUXEMOURG,

Inventor: GERARD DE WAELE.

Application No. 1361/Cal/77 filed September 2, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutto.

13 Claims

Building block set comprising hollow blocks which can be dry-assembled and inside which a binder notably concrete can be poured, which comprises at least two block types formed by base blocks and/or joined base blocks comprises of a united combination of identical or different base blocks. a first base block having a portion in the sharp of a straight rectangular parallelepiped which is extended at the one end thereof by two flanges each extending in the extension of a side surface of said portion over a distance substantially equal to a fraction of the length of said portion, the parallelepiped-shaped portion having a hollow volume extending through the block over the whole height thereof, a second base block the horizontal cross-section of which is fork-shaped, particularly U-shaped, the flange length of said second block being substantially equal to the flange length of the first base block, the tolerances allowed for the above-defined lengths and distances being substantially equal to the thickness of the walls of the parallelepiped-shaped portion, the lower and upper edges of each block type being substantially flat to allow laying the blocks without anchoring on top of one another in any relative position whatsoever.

Comp. Specn. 19 pages.

Drg. 4 sheets.

CLASS 129C. [XXXV]

149158.

Int. Cl.-B23b 39/00.

ROTARY DRILL.

Applicant: SANDVIK AKTIEBOLAG, OF FACK S-811 01 SANDVIKEN, SWEDEN.

Inventor: KURT HEINRICH ALBERT ERICH FABER

Application No. 1657/Cal/77 filed November 29, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutts.

13 Claims

A rotary drill comprising a shank provided with two A rotary drill comprising a snank provided with two axially extending chip removal recesses and at least one pair of cutting inserts, said inserts providing radial cutting edges and comprising one peripherally located insert adjacent one said chip removal recesses, positioned so as to define the diameter of a resulting hole, and one insert located adjacent the other said chip removal recess while being located more towards the axis of the drill, said inserts extending axially to the same extent, characterized in that the innermost inert has such radial location and is angled away from the neripheral such radial location and is angled away from the peripheral insert at an angle $(180^{\circ}\pm6)$ of such value that, as seen radially, force balance of the drill shank is achieved in that the resultant forces on the inserts are equal and opposite in

Comp. Specn. 12 pages.

Drg. 7 sheets.

CLASS 10B & 72C [XXXIX(2) & XXXIX(3)] 149159.

Int. C1,-C06c 7/00, C06c 1/00,

LOW ENERGY EXPLOSIVE CONNECTING CORD ND CORD MANUFACTURING METHOD AND AND APPARATUS.

Applicant: E. I. DU PONT DE NEMOURS AND COMPANY, AT WILMINGTON, DELAWARE, UNITED STATES OF AMERICA.

Inventor: MALAK ELIAS YUNAN,

Application No. 1693/Cal/77 filed December 6, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

24 Claims

A low-energy detonating cord adapted for use as a trunkline and/or a downline cord in a non-electric blasting assembly and comprising:

(a) a continuous solid core of a deformable bonded detonating explosive composition comprising at least about 55 per cent by weight of a cap-sensitive crystalline high explosive compound selected from the group consisting of organic polynitrates and polynitramines admixed with a binding agent, the particles of crystalline high explosive compound in the range of about from 0.1 to 50 microns, and said core containing about from 0.1 to 2 grams of crystalline high explosive compound per meter of length; and (b) enclosing the core, protective sheathing of plastic material, which is capable of flowing at a temperature not exceeding the melting point of the crystalline high explosive compound by more than 75°C; and (c) core-teinforcement means outside the core adapted to provide the cord with sufficient tensile strength as to prevent the core from necking down to a failure point under forces normally encountered in borehole loading. explosive compound selected from the group consisting of

Comp. Speen. 45 pages.

Drg. 2 sheets.

CLASS 166B [LIII(2)]

149160.

Int. Cl.-B63b 19/12.

IMPROVEMENTS IN OR RELATING TO A DEVICE FOR OPERATING HATCH COVERS OR THE LIKE COMPOSED OF PANELS.

Applicant: MACGREGOR INTERNATIONAL S.A., OF ST. JAKOBS-STRASSE 9, 4002 BASEL, SWITZER-LAND

Inventor: MR. HENRI KUMMERMAN.

Application No. 440/Del/77 filed December 7, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

24 Claims

A cover for a hatch or like access opening surrounded by a coaming of the like which cover comprises at least three cover panels hinged in sequence and foldable together in a hatch open position, the cover having first operating means for partially folding the first two cover panels and second operating means including at least one articulated lever for folding the third cover panel relative to the second cover panel, the arrangement being such that, when the cover is fitted to such a hatch the articulated lever is located outside the coaming and beyond the end or transverse wall thereof, between the said end wall and the first operating means of the first two cover anels.

Comp. Specn. 22 pages.

Drg. 6 sheets.

149161.

CLASS $64B_1$ & B_2 [LVIII(4)]

Int. Cl.-H02b 1/00.

ASSEMBLY FOR RECEIVING A PLURALITY OF PRINTED CIRCUIT BOARDS.

Applicant: SIEMENS AKTIENGESELI SCHAFT, BERLIN AND MUNICH, WEST GERMANY. OF

Inventor: HORST ZIMMERMANN.

Application No. 7/Cal/78 filed January 2, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims

An assembly for receiving a plurality of printed circuit boards, comprising a base plate (2) carrying electrical connectors (4) at which printed circuit boards can be plugged-into the base plate (2), and electrical conductors (3) connected to said connectors (4), wherein a strip of electrical terminals (51) for receiving incoming signal and supply voltage leads (54) is also carried by said base plate (2), each of the terminals (51) being soldered to one of said conductors (3) and comprising a screw (52) for secure said conductors (3) and comprising a screw (52) for securing a lead (54) therein.

Comp. Speen. 5 pages.

Drg. - 1 sheet.

CLASS 50E, [VII(1)]

149162

Int. Cl.-F25d 21/00.

MONITORING SYSTEM FOR CONTROLLING THE OPERATION OF A VAPOR COMPRESSION REFRI GERATION SYSTEM.

Applicant: CARRIER CORPORATION, AT SYRA CUSE, NEW YORK, UNITED STATES OF AMERICA

Inventors: WAYNE RAYMOND REEDY AND FREDRICK RUSSFLL EPLETT.

Application No. 12/Del/78 filed January 6, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

8 Claims

A monitoring system for controlling the operation of a vapor compression refrigeration system to detect frost accumulation on a heat exchanger coil comprising a compressor operatively connected to the coil for effecting thermal contact between two heat transfer media to effect transfer of heat from one medium to another medium; sensor means operatively connected to said vapor compression refrigeration system for providing an output signal in response to an operational parameter of said vapor compression refrigeration system responsive to the rate of heat transfer; comparator means coupled to said output signal from said sensor means for generating a command signal in response to said output signal varying from a predetermined reference level, said reference level being dependent upon an output signal of the sensor means in response to an absence of frost on said coil; and means coupled to said command signal and operatively connected to said coil for effecting the rate of heat transfer between the two heat transfer media in response to the presence of said command signal.

Comp. Specn. 16 pages,

Drg. 1 sheet.

CLASS $157D_9$ & D_A & D_π [L]

149163.

Int. Cl.-E01b 31/17.

A PROCESS AND A RAIL VEHICLE FOR SMOOTH-ING OUT IRREGULARITIES IN THE UPPER SUR-FACE AND/OR SHOULDER OF A RAILHEAD BY GRINDING.

Applicant: FRANZ PLASSER BAHNBAUMASCHINEN-INDUSTRIEGESELLSCHAFT M.B.H., OF JOHANESGASSE 3, VIENNA 1, AUSTRIA.

Inventors: ING. JOSEF THEURER AND DR. KLAUS RIEBBERGER.

Application No. 33/Cal/78 filed January 10, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

11 Claims

A process for smoothing out irregularities in the upper mrface and/or shoulder of a railhead by grinding, in which at least one grinding tool, or, optionally several grinding tools combined into groups, which is/are moved along with a grinding vehicle pressing against the treatment zones of railhead to be ground and carrying out the grinding movement during the continuous advance of the vehicle, characterised in that additional grinding movement produced by a reciprocating drive mechanism relative to the frame of the vehicle are carried out in alternate and in opposite directions, preferably in the longitudinal direction of the track by the said groups of grinding tools and also imparting tractive and compressive force on the track and on the upper surface and/or shoulder of the railhead and superimposed upon the grinding movement caused by the advance of the vehicle at the same time.

Comp. Specn 18 pages.

Drg. 2 sheets.

CLASS 92C [I(3)]

149164.

Int. Cl.-B02b 3/04.

A DECORTICATING DEVICE.

Applicant: BUHLER-MIAG G.M.B.H., OF ERNST-AMME-STRASSE 19, 3300 BRAUNSCHWEIG, FEDERAL REPUBLIC OF GERMANY.

Inventors: HELMUT GEMSJAGER.

Application No. 151/Cal/78 filed February 8, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

26 Claims

A decorticating device, particularly a grain husker, comprising a support; a pair of cooperating decorticating rollers one of which is mounted on said support for rotation about a stationary axis; a carrier; means for rotatably mounting the other decorticating roller on said carrier; means for displaceably mounting said carrier on said support for movement of said other decorticating roller closer to and further away from said stationary axis, and means for rotating said decorticating rollers, including two driven pulleys one of which is connected to said one and the other to said other decorticating roller for joint rotation therewith, at least one idler pulley, a driving pulley, means for setting said driving pulley in rotation including a motor, and means for transmitting the rotation of said driving pulley to said driven and idler pulleys, including at least one endless element trained about all of said pulleys, at least said motor, said driving pulley and and other driven pulley being supportee on said carrier for displacement therewith.

Comp. Speen. 46 pages.

Drg. 4 sheets.

CLASS 129G [XXXV]

149165.

Int. Cl.-B23p 3/20, C23c 5/00.

A DEVICE FOR USE IN THE APPLICATION OF EXPLOSIVES CLADDING.

Applicant: THE TATA IRON AND STEEL COMPANY LIMITED, JAMSHFDPUR, BIHAR, INDIA.

Inventors: DR. SUREINDER MOHAN MEHRA AND BALDEV SINGH BHATIA.

Application No. 164/Cal/78 filed February 13, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims

A device for use in the application of explosive cladding of a base plate comprising a support for the base plate. The frame having a height disposed above the base plate and a series of pins or wires supporting the cladding plate and secured to the frame each of said pins or wires having a notch or cut or weakening formed in the same, so that when the explosive material on the cladding plate is detonated, the said pins or wires in the process anapat the said notches, cuts or weakening points and the flyer plate flies to the base plate thus adhering to the same.

Comp. Specn. 8 pages.

Drg. 1 sheet.

CLASS 116G [XLIX]

149166.

Int. Cl. 1865d 19/08.

IMPROVED PAILET CONSTRUCTION.

Applicant: EXTRADOS COMPANY LIMITED, OF 54 CARNFORTH ROAD, TORANTO, ONTARIO, CANADA.

Inventor: FERDINAND MICHAEL SVIRKLYS.

Application No. 230/Del/78 filed March 29, 1978.

Convention date March 31, 1977/(13714/77) U.K.

Appropriate office for opposition Proceedings (Rule 4. Patents Rules, 1972) Patent Office, Delhi Branch.

12 Claims

A pallet construction comprising at least two spaced-apart substantially-parallel longitudinally-extending hollow members aormally open at each end, a plurality of spaced-apart deck-forming members extending at least between the at least two longitudinally-extending members generally transverse thereto and releasably connected to the longitudinally extending members at each intersection through a snap fit mechanism, said snap fit mechanism comprising a first and second pair of spaced channels situated in each longitudinally extending member, the channels of each pair opening in opposite directions of extension of the longitudinally-extending member and being adapted to be engaged in snap fit relationshin by channel-engaging members provided on each of the deck-forming members, a stop located at each intersection preventing movement of each of the deck-forming members longitudinally thereof relative to the hollow member when connected therewith, and a can closing off each end of each longitudinally-extending members and forming part of the snap fit mechanism for the releasable interconnection of the deck-forming members to the longitudinally-extending members at their extremity.

Comp. Specn. 14 pages.

Drg. 2 sheets.

CLASS 13A [XL(1)]

149167.

Int. Cl.-B65d 33/24, 37/00

AN IMPERMEABLE BAG HAVING AN AIR OUTLET VALVE AND AN AIR ESCAPE SPOUT.

Applicant: THE DIRECTOR GENERAL, CEMENT RESEARCH INSTITUTE OF INDIA, M-10, SOUTH EXTENSION, PART-II, NEW DELHI-110049, INDIA.

Inventors: DR. HOSAGRAHA CHANDRA SHEKHARIA VISVESVARAYA AND SHRI MADDALS VENKATA RANGA RAO.

Application No. 361/Del/78 filed May 11, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

7 Claims

A liquid impermeable bag for filling of powdcry materials such as cement into said bag characterised in having an air outlet valve and an air escape spout, said air outlet valve comprising a liquid impervious flexible rectangular flap made of the same material as that of said bag which is cut, folded and stitched to the body of the said bag at the top corner and disposed opposite to a material inlet valve provided with said bag, said air escape spout comprising a right angled bend having one of its leg longer than the other.

Comp. Specn. 13 pages.

Drg. 3 sheets.

CLASS 112F [XXX(3)]

149168.

Int. Cl.-B60q 1 30, B60r 13/10.

RFFI.FCTOR PLATES AND PROCESS FOR PRE-PARING SAME.

Applicant: DIRECTOR BUREAU OF POLICE RESEARCH & DEVELOPMENT, B-1688 CURZON ROAD, NEW DELHI AND DIRECTOR, INSTITUTE OF CRIMINOLOGY & FORENSIC SCIENCE, NEW DELHI, INDIA.

Inventors: PRANABES CHANDRA MAITI AND MAYHUVENCHERI MISON MATTHEW.

Application No. 367/Del/78 filed May 16, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

8 Claims. No drawings.

A process for the preparation of a reflector plate made of a metal such as aluminium which consists in first cleaning said metal plate by any known method, applying a first coating of any acrylic emulsion paint theron, allowing said paint to dry, followed by applying in any known manner on said first coating a second coating of a base point as herein described, thereafter embedding polymethyl methacrylate and mica chips on the said second coating by methods herein described in presence of a reflecting fluorescent point as herein described and finally applying in any known manner, a finishing paint as herein described.

Comp. Specn. 10 pages.

Drgs. Nil.

CLASS 112F [XXX(3)]

149169.

Int. Cl.-B60q 1/30, B60r 13/10.

REFLECTOR PLATES AND A PROCESS FOR PREPARING SAME.

Applicant: DIRECTOR, BURFAU OF POLICE RESEARCH & DEVELOPMENT. B-1688 CURZON ROAD. NEW DELHI. AND DIRECTOR, INSTITUTE OF CRIMINOLOGY & FORFNSIC SCIENCE, NEW DELHI, INDIA.

Inventors: PRANABFS CHANDRA MAIT(AND MAYUVENCHER! MISON MATTHEW.

Application No. 368/Del/78 filed May 16, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

10 Claims. No drawings.

A process for the preparation of a reflective plate consisting of a metal such as aluminium and which consists in first cleaning said metal plate in any known manner to obtain a cleaned plate, applying a first coating of any known 2—257 GI/81

acrylic emulsion paint on said cleaned plate, allowing it to dry followed by applying a second coating of a base paint as herein described, thereafter embedding by methods herein described polymethyl methacrylate and mica chips on said second coating in presence of a reflecting fluorescent paint as herein described and finally applying in any known manner, a coating of finishing paint thereon, said finishing paint consisting of polymethyl methacrylate and solvent medium therefor as described herein.

Comp. Specn. 8 pages.

Drgs, Nil.

CLASS 11C & 34B [1(2) & X]

149170.

Int. Cl.-C08b 1/00, C07g 1/00, A23k 1/00.

A METHOD OF TREATING LIGNOCELLULOSIC MATERIAL FOR RENDERING LIGNIN SEPARABLE FROM CELLULOSE AND HEMICELLULOSE.

Applicant: CANADIAN PATENTS AND DEVELOP-MENT LIMITED, CITY OF OTTAWA, PROVINCE OF ONTARIO, CANADA.

Inventor: EDWARD A. DELONG.

Application No. 723/Cal/78 filed June 30, 1978.

Convention date July 11, 1977/(29026/77) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

19 Claims

A method of treating lignocellulosic material for rendering lignin separable from cellulose and hemicellulose, comprising:

- (a) packing the lignocellulosic material in a divided form in pressure vessel having a closed extrusion die outlet.
- (b) rapidly filling the pressure vessel with steam of at least 500 psi to bring the lignocellulosic material to a temperature in the range 185 to 240°C in less than 60 seconds to plasticize the lignocellulosic material, and
- (c) as soon as the lignocellulosic material is in the plasticized condition, opening the extrusion die outlet and instantly extruding the lignocellulosic material in the plasticized condition from the pressure vessel through the extrusion die outlet to atmosphere so that the said material issues from the extrusion die in articulate form with lognin rendered separable from the cellulose and hemicellulose.

Comp. Specn. 45 pages.

Drg. 7 sheets.

149171.

CLASS 119D [XXI(3)]

Int. Cl.-D03d 47/32.

IMPROVED METHOD OF WEAVING AND AN APPARATUS FOR ADVANCING A WEFT FILAMENT IN A WEAVING APPARATUS.

Applicant & Inventor: JOSEPH RENE CORNELLIER, OF P.O. BOX 383, STATION K, MONTREAL, QUEBEC, CANADA.

Application No. 757/Cal/78 filed July 10, 1978.

Appropriate office for, opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

18 Claims.

A method of weaving in which the advanting of a weft filament in the weaving operation across warp filaments is characterised by the steps of providing a source of pressurized liquid, providing a length of weft filament having a free leading end, and forming a predetermined amount of said pressurized liquid into a stream, said stream having a leading end engaging the free leading end of said weft filament with said leading end of said stream of pressurized liquid, directing said stream between the opposed warp filament and interrupting the flow of said stream of pressurized liquid before said weft filament traverses the width of the warp filaments, said predetermined amount of pressurized liquid being sufficient to pull the length of weft filament across the width of the warp filaments after the flow of said pressurized liquid is interrupted prior to said weft filament traversing the width of the warp filaments.

Comp. Specn. 26 pages.

Drg. 5 sheets.

CLASS 190A & C [XLIV(4)]

149172.

Int. Cl.-F02b 9/00.

DIFFUSER FOR HYDRO-ELECTRICAL POWER PLANT AND HYDRO-ELECTRICAL POWER PLANT FITTED WITH THIS DIFFUSER.

Applicant: MOTEURS LEORY-SOMER, BOULEVARD MARCELLIN LEROY 16004, ANGOULEME, FRANCE.

Inventor: MICHEL GOBAUD.

Application No. 867/Cal/78 filed August 8, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims

Diffuser for hydro-electrical power plant, intended for being fitted down-stream from the cylindrical mantle surrounding the blades of the turbine, this diffuser featuring two frusto-conical, internal and external walls widening out in the direction of the flow of the water current and mutually parallel at least on a portion of their height, the solid half-angle of one at least of the frusto-conical walls being in the range of 10° to 20°, preferably equal to 16°, and the diffuser height being at the utmost equal to twice the diameter of the cylindrical mantle surrounding the blades of the turbine, characterised in that the frusto-conical sleeve located immediately down-stream from the mantle of the turbine, followed by a frusto-conical wall of wider angular opening.

Comp. Specn. 13 pages.

Drg. 4 sheets.

CLASS 37A [XXXIV(1)]

149173.

Int. Cl.-E04h 7/22.

A SILO ARRANGEMENT FOR TRANSFERRING DUST CONTAINING AND DUST FORMING SUBSTANCES INTO A SYSTEM OF HIGHER PRESSURE IN GASIFICATION OF COAL.

Applicant: BRENNSTOFFINSTITUT FREIBERG, OF 92 FREIBERG, HALSBRUCKER STRASSE 34, GERMAN DEMOCRATIC REPUBLIC.

Inventors: DR.-ING. GOHLER PETER, DIPL-ING. KRETSCHMER, HORST, DIPL-ING, SCHWEIGEL AND HANS JOACHIM.

Application No. 868/Cal/78 filed August 8, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

1 Claim

A silo arrangement for conveying dust forming on dust containing solid substances in a system under high pressure in gasification of coal consisting of known parts e.g. silo, fritter, differential pressure gauge and differential pressure regulator, non-refumable and regulating valves, characterised thereby that, in the silo a filter is fitted which devides the silo into an upper and a lower chamber; in the charging line a regulating valve (13), a non-refumable valve (11) and in the discharging line, a discharging and non-refumable valve (14) are built in a branch line (10) with a non-refumable valve (13) and the non-refumable valve (11) and is connected at the top with the upper space (6) of the silo (1), for measuring the differential pressure between the upper and lower spaces of the silo (1), a differential pressure gas along with an automatic device (15) is linked up with the non-refumable valves (11) and (14).

Comp. Specn. 6 pages.

Drg. 1 sheet.

CLASS 63A_q [LVII(1)]

149174.

Int. Cl.-H02k 17/00.

ROTORS FOR ASYNCHRONOUS ELECTRICAL MACHINES.

Applicant: SIEMENS AKTIENGESELLSCHAFT, OF BERLIN AND MUNICH, WEST GERMANY.

Inventor: HERBERT AUINGER.

Application No. 959/Cal/78 filed August 31, 1978.

Application No. 959/Cal/78 filed August 31, 1978. Patents Rules, 1972) Patent Office, Calcutta.

13 Claims

A rotor for an asynchronous electrical machine, the rotor comprising an axial succession of rotor assemblies each formed of a stack of rotor laminations having closed slots, the rotor assemblies being staggered circumferentially one from the next by half a slot pitch and being spaced from one another by spacer assemblies, each of which is composed solely of a stack of spacer laminations having closed slots and the same external diameter as the rotor laminations, the slots in the spacer laminations being wider circumferentially than those in the rotor laminations, and each spacer assembly being so disposed that each web between two adjacent slots thereof faces a tooth defined between two adjacent slots of the rotor assembly to one side, and faces a slot of the rotor assembly to the other side of the spacer assembly, and the slots in the rotor and spacer assemblies containing a cast squirrel cage.

Comp. Specn. 11 pages.

Drg. 4 sheets.

CLASS 145B & D [XXIV(4)]

149175,

Int. Cl.-D21f 5/00.

IMPROVEMENTS IN DRYER DRUMS FOR DRYING ATRAVELLING FIBROUS WEB.

Applicant: BELOIT CORPORATION, BELOIT, WISCONSIN 53511, U.S.A.

Inventors: JAMES LARRY CHANCE AND RICHAR EARL HERGERT.

Application No. 1192/Cal/78 filed November 4, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims

A hollow cylindrical dryer drum having an outer shell and mounted for rotation for drying contact with a travelling fibrous web, and including means connected to the drum directing a flow of steam into the interior of the drum for heating the peripheral outer surface of the shell; a condensate from the inner surface of the periphery of the shell a bristle support within the drum extending axially along the inner periphery having a plurality of contillaverly supported bristles which extend radially outwardly into close running contact with the inner peripheral shell surface and substantially uniformly distributed along the axial length; said bristles having sufficient stiffness for resisting the movement of condensate with rotation of the drum and generating a visual high level of turbulence in the condensate decreasing the rotational speed of the layer of condensate carried with the drum shell causing the layer of rimming condensate to collapse for a substantial increase in heat transfer from the steam to the drum shell; and means for stationarily mounting said bristle support within the drum.

Comp. Specn. 12 pages.

Drgs. 1 sheet.

CLASS $32F_1$ & F_{2b} & $53E_1$ [IX(1) & XIX(1)] 149176. Int. C1.-C07d 101/00.

PROCESS FOR THE PREPARATION OF 4-(2-CHLOROETHYL)-4-AZA-5-ANDROSTAN-17B-OL.

Applicant & Inventor: HARKISHAN SINGH, DHARAM PAUL AND VIJAY KUMAR, ALL OF THE DEPARTMENT OF PHARMACEUTICAL SCIENCES, PANJAB UNIVERSITY, CHANDIGARH 160014, INDIA,

Application No. 438/Del/79 filed June 15, 1979.

Division of Application No. 209/Del/77 filed August 5, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

4 Claims

 Λ process for the production of 4-(2-chloroethyl)-4-aza- $5\!\propto\!$ -androstan-17 β -ol, which comprises (A) reacting 4-aza- $5\!\propto\!$ -androstan-17 β -ol of formula I.

with ethylene chloro-hydrin in the presence of anhydrous potassium carbonate, (B) reacting the product 4-(2-hydro-xythyl)-4-aza-5 ∞ -androstan 17 β -ol of formula (2).

with though chloride, and (c) liberating 4-(2-chloroethyl)-4-aza-5α-androstan-17β-ol of formula (4).

by treating 4-(2-chloroethyl)-4-aza-5 \propto -androstan-17 β -ol hydrochloride of formula (3).

with sodium carbonate solution.

Comp. Specn. 5 pages.

Drg. 1 sheet.

CORRECTION OF CLERICAL ERRORS UNDER SECTION 78(3)

The claims 2 and 12 of the complete specification in respect of application for patent No. 146174 (earlier numbered as 784/Cal/1977) the acceptance of the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 10th March, 1979 have been deleted and the remaining claims have been renumbered as a consequence.

PATENTS SEALED

144409 147553 147615 147666 147768 148140 148204 148205 148221 148291 148296 148299 148308 148318 148342 148343 148344 148345 148347 148349 148350 148351 148352 148354 148355 148356 148358 148359.

AMENDMENT PROCEEDINGS UNDER SECTION 57

The amendments proposed by Mamarthapalayam Nanjappa Gounder Karuppanna Gounder in respect of Patent Application No. 146460 as advertised in Part III, Section 2 of the Gazette of India dated the 14th March, 1981 have been allowed.

PATENTS DEEMED TO BE ENDORSED WITH THE WORDS "LICENCES OF RIGHT"

The following patents are deemed to have been endorsed with the words "Licences of right" under Section 87 of the Patents Act, 1970. The dates shown in the crescent brackets are the dates of the patents.

No.	Title of the invention.					
140404 (00	Of 74) Days for the number of order					

142424 (02.05.74) Process for the production of carbonblack and device for carrying out the same.

142860 (20.12.75) A method of making a magnessium base alloy.

142932 (15.12.75) A process for the production of sulphonamides.

142970 (12.12.75) Melt finishing process for polymers produced by vapour state polymerisation process.

142982 (21.09.74) A process for the preparation of a latex polymer.

RENEWAL FEES PAID

107099 107108 107192 107234 107279 107396 107447 108312 111907 112077 112132 112264 112548 112553 112555 112588 112899 112967 116509 117453 117478 117568 117618 117700 117775 118194 118341 118810 122847 122989 123019 123038 123103 123151 123166 123184 123201 123302 123337 123598 123630 123666 123808 123870 123993 124146 125291 128139 128187 128233 128296 128419 128442 128485 128495 128498 128554 128585 128644 128670 129420 132622 132639 132734 132746 132759 132767 132784 132891 132946 133003 133172 · 133284 133821 134146 135487 135833 136010 136135 136198 136199 136223 136499 136517 136769 136844 137034 137608 139412 139476 139525 139729 139900 139946 140069 140095 140209 140409 140410 140451 140463 140499 140500 140851 140946 141177 141229 141321 141881 141908 142100 142302 142344 142360 142398 142495 142529 142530 142661 142669 142703 142908 143011 143118 143190 143318 143406 143798 143891 143913 143913 143956 143981 144057 144058 144104 144133 144246 144379 144416 144562 144661 144819 144843 144936 145099 145300 145359 145409 145460 145828 145880 145994 146108 146188 146215 146473 146488 146506 146853 146908 146926 147019 14"047 147213 147214 147489 147614 147696 147707 147774 147809 147815 147842 148223

CESSATION OF PATENTS

97257 97266 97270 97271 97273 97286 97305 97309 97360 97384 97405 97407 97439 97444 97461 97464 97510 97520 97525 97607 97608 97615 97703 97707 97722 97757 97800

97842 97903 97906 97938 97981 98038 98052 98075 98077 98087 98124 98135 98183 98187 98189 104257 112934 118016 118033 135918 136836 137389 139954 141593 141827 142900 147285 147358 147373.

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in the each entry is the date of registration of the design included in the entry.

Nil

EXTENSION OF COPYRIGHT FOR THE SECOND PERIOD OF FIVE YEARS

Nos.		144156,	144160,	144161,	144219		
	and 14	5707				Class	Į.
Nos.	144514,	144515,	144218,	144157,	144180		
	144526.	144527,	144528,	144551,	145490,		
	148535					Class	3.
Nos.	144090	& 145489				Class	4.
Nos.	145477	& 145934				Class	5.
E	XTENSI	ON OF (THIRD	
		PERIO	D OF F.	IVE YEA	RS		
Mos.	138667	144514	144515			Class	2

Name	Index o	f applica	its for	Patents fo	r the	month	of In	no
No.	138541						Class	5.
Nos.	138260,	138788				٠.	Class	4.
INOS:	13000/,	144314,	144513	•		• •	Class	٥.

Name Index of applicants for Patents for the month of June, 1981 (Nos. 586/Cal/81 to 717/Cal/81, 151/Bom/81 to 189/Bom/81, 109/Mas/81 to 128/Mas/81 and 346/Del/81 to 422/Del/81)

Name	Appln. No.

Å

A. G. (Patents) Ltd.-410/Del/81.

A/S Raufoss Ammunisjonsfabrikker.—697/Cal/81.

Air Preheater Company, Inc., The.-715/Cal/81.

Alkali and Chemical Corporation of India Limited, The.—641/Cal/81, 642/Cal/81, 643/Cal/81, 644/Cal/81.

Allware Agencies Limited.-591/Cal/81.

Alsthom-Atlantique.--390/Del/81

Aluminium DE Grecc. 603/Cal/81.

Aluminium Pechiney.-638/Cal/81.

American Can Company.—650/Cal/81, 851/Cal/81.

American Cyanamid Company.--586/Cal/81.

Amtel, Inc.-634/Cal/81.

Aquatreat Engineers.—164/Bom/81.

Arbed S.A.—389/Del/81.

Associated Electrical Industries Ltd.-360/Del/81.

Associated Tapchangers Ltd: 383/Del/81.

Atul Glass Industries (Pvt.) Ltd.-370/Del/81.

Automotive Ancillary Services.—126/Mas/81, 127/Mas/81.

В

B. N. F. Metals Technology Centre. -362/Del/81.

Baksheev, I. P.-659/Cal/81.

Basu, S.-124/Mas/81.

Bhabha · Atomic Research Centre.—171/Bom/81.

Bharti Stove Industries.—186/Bom/81.

Bhatia, K. B.—187/Bom/81.

Bhattacharyya, M. K .- 595/Cal/81.

Butyagin, P. A.-659/Cal/81.

Name

Appln. No.

C

CPC International Inc.-588/Cal/81.

Camphor and Allied Products Limited.—160/Bom/81, 161/Bom/81, 162/Bom/81, 163/Bom/81, 167/Bom/81, 178/Bom/81.

Carrier Corporation-347/Del/81, 348/Del/81.

Chatterjee, D. N.-371/Del/81.

Chaugule, P. J.—176/Bom/81, 180/Bom/81.

Chemicals and Fibres of India Limited.—641/Cal/81, 642/Cal/81, 643/Cal/81, 644/Cal/81.

Clesid S.A.—407/Del/81.

Combustion Engineering, Inc.-600/Cal/81.

Corning Glass Works.-589/Cal/81.

Council of Scientific and Industrial Research.—353/Del/81, 358/Del/81, 377/Del/81, 378/Del/81, 379/Del/81, 386/Del/81, 387/Del/81, 408/Del/81, 409/Del/81.

Cummins Engine Company, Inc.-637/Cal/81, 688/Cal/81.

Т

Dana Corporation.-669/Cal/81.

Darbary, K. C .- 183/Bom/81.

Degussa Aktiengesellschaft.--684/Cal/81.

Desai, B. A.—153/Bom/81.

Deshmukh, D. M.—632/Cal/81, 633/Cal/81,

Deutsche Texaco AG.-647/Cal/81.

Devarajan, K. T.- 23/Mas/81.

Dexter Corporation, The.—359/Del/81.

Diamond Shamrock Corporation.—674/Cal/81, '675/Cal/81.

Director, Indian Institute of Technology, The.—152/Bom/81. Display Systems.—185/Bom/81.

Dorr-Oliver Incorporated. - 391/Del/81.

Dow Chemical Company, The .-- 597/Cal/81, 714/Cal/81.

Dynacraft Machine Company Limited.—151/Bom/81.

E

EPI S.p.A.—610/Cal/81, 611/Cal/81.

EVC Associates Limited Partnership.—620/Cal/81.

Eagle Flask Private Limited.—155/Bom/81, 156/Bom/81, 157/Bom/81.

Faton Corporation.—593/Cal/81.

Energy Sciences Partners, Ltd.-640/Cal/81.

Engelhard Minerals and Chemicals Corporation,—594/Cal/81, 599/Cal/81.

Environmental Elements Corporation .- 623/Cal/81.

Eparkhin, M. P.--635/Cal/81.

Etat Français.-639/Cal/81.

Explosafe S.A.—689/CaI/81.

F

Fatesaria, N. K.—615/Cal/81.

Fertilizer (Planning & Development) India Ltd., The.—701/Cal/81.

Figurette Private Ltd.__181/Bom/81.

Finkelshtein, L. B.-659/Cal/81.

Fives-Cail Babcock.—649/Cal/81.

Foster-Miller Associates, Inc.-421/Del/81.

Furma Manufacturing Co. Pty. Ltd.—717/Cal/81.

Name

Appln. No.

G

Gasjuk, L. A.—635/Cal/81.

General Electric Company.—683/Cal/81.

General Electric Company Ltd. The -363/Del/81.

Ghadiali, K.-158/Bom/81.

Glaffin, H. B.-374/Del/81.

Graphic Controls Corporation.-605/Cal/81, 606/Cal/81.

Gritskov, I. V.-635/Cal/81, 659/Cal/81.

Gupta, J.-413/Del/81.

Gupta, R. P.-696/Cal/81.

H

Hamel G.m.b.H.-619/Cal/81.

Hanlet, J. M.-664/Cal/81.

Herrin, M. B.-694/Cal/81.

Handustan Lever Limited.—174/Bom/81, 175/Bom/81.

Hingorani, K. G.—166/Bom/81.

Hitachi, Ltd.-665/Cal/81.

Hoechst Aktiengesellschaft.—601/Cal/81, 700/Cal/81.

1

Imperial Chemical Industries Ltd.-373/Del/81.

Indian Explosives Limited.—641/Cal/81, 642/Cal/81, 643/Cal/81, 644/Cal/81, 676/Cal/81.

Indian Institute of Technology.-124/Mas/81.

Indian Oil Corporation Limited.—189/Bom/81.

In rnational Immunoassay Laboratories, Inc.—712/Cal/81.

In.ernational Minerals & Chemical Luxembourg Societe 4.nonyme.—604/Cal/81.

Isover Saint-Gobain.—618/Cal/81.

Italfarmaco S.p.A.—663/Cal/81.

Italtel Societa Italiana Telecommunicazioni S.p.A.—629/Cal/ &1, 652/Cal/81, 653/Cal/81, 660/Ca./81, 709/ Cal/81.

Ivanova, L. V.-635/Cal/81, 659/Cal/81.

J

J. Mangsuh & Co.—182/Boin/81.

John Lysaght (Australia) Ltd.-399/Del/81.

Jolarch Limited.—671/Cal/81.

Jyoti Limited.—177/Bom/81.

K

KVB, Inc.—352/Del/81.

Kabushiki Kaisha Daini Yoshida Kinen Tekkosho.—645/Cal/81.

Kabushiki Kaisha Kobe Seiko Sho.-636/Cal/81.

Kane, H. V.-184/Bom/81.

Kavathekar, S. M.—154/Bom/81.

Khosla, K. G.-393/Del/81.

Klockner-Humboldt-Deutz Aktiengesellschaft.—420/Del/81.

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Appln. No.

K--Contd.

Komburat Urzadzen Mechanicznych "Bumar-Labedy".—614/ Cal/81.

Kizunoboredke, A. E.-659/Cal/81.

Kupad, D -693/Cal/81.

Ku .1 Equipment Company.-679/Cal/81.

L

Lai en, O. F.-655/Cal/81.

Lar en & Toubro Limited .-- 170/Bom/81.

Las ikova, M. I.--659/Cal/81.

1 of $I_1 = P - 372/\text{Del}/81$.

M

MAG Marchines and Apparatebau Gesellschaft MBH.—396/ Del/81.

M. A. N. Maschinenfabrik Augsburg-Nurnberg AG.—670/Cal/81, 713/Cal/81.

Marley Company, The 681/Cal/81.

Marley Company, The.-681/Cal/81.

Maschinenfabrik Rieter A. G.-673/Cal/81.

Merck & Co Inc.—621/Cal/81.

Merzlyakova, V. I.—659/Cal/81.

Metal Box Limited.—667/Cal/81, 691/Cal/81.

Metallgesellschaft A.G.-657/Cal/81.

Michelin & Cie. (Compagnie Generale des Etablissements Michelin).—677/Cal/81.

Mittal, S.-346/Del/81.

Mittu, M.-122/Mas/81.

Mogilevsky, E. M.—659/Cal/81.

Monsanto Company.-690/Cal/81.

Montedison S.p.A.-702/Cal/81.

Muqeem, M. (Mohammad).—380/Del/81.

Mustaqeem, M. (Mohammad).-380/Del/81.

N

N. V. Philips' Gloeilampenfabrieken.-678/Cal/81.

Nair, K. V. (Dr.).—112/Mas/81, 113/Mas/81.

Naseem, M. (Mohammad).-380/Del/81.

National Research Development Corporation.—375/Del/81.

Necchi Societa Per Azioni.-401/Del/81, 406/Del/81.

Nederlandse Centrale Organisatie Voor Toegepast Natuurwetenschappelijk Onderzoek.—598/Cal/81.

Neumann Equipment Marketing Co. Pty. Ltd.-662/Cal/81.

Nippon Arm Kogyo Kabushiki Kaisha.—645/Cal/81.

0

Oberoi, K. A. S.-368/Del/81, 376/Del/81.

Oparin, V. S .-- 635/Cal/81.

Outokumpu OY.—668/Cal/81.

Ozyagcilar, M. N.—172/Bom/81.

P

P. I.-V. Antrieb Warner Reimers G.m.b H. & Co. KG.—397/Dc1/81, 398/Dc1/81.

Pal, R. (Mis.)—698/Cal/81, 710/Cal/81, 711/Cal/81.

Palitex Project-Company, G.m.b.H.-608/Cal/81.

Palnitkar, G. P. R. (Dr.).—121/Mas/81.

Name

Appln. No.

P-Contd.

Paramasivam, S.—128/Mas/81.

Patel Machine Tools.—169/Bom/81.

Perioxid-Chemie G.I.I.b.H.—392/Del/81.

Paler Corporation, -382/Del, 81.

Prizer In:.—364/Dei/81, 365/Del/81, 366/Del/81, 405/Del/81.

Plaggio & C.S p.a. -- 31/Dd/81.

Plessey Company Limiteu, The .- 687/Cal/81.

Pont-A-Mousson J.A .- b..3/Cal/81.

Provesta Corporation.-602/Cal/81.

R

RCA Corporation.--686/Cal/81.

Raees, M. (Mohammad).—380/Del/81.

Raj Industries.—179/Eom/81.

Ralliwolf Limited.—159/Bom/81.

Rao, C. I. S.—111/Mas/81.

Rao, P. M.—152/Bom/81.

Rashid, M. (Mohalimad).—380/Del/81.

Ravichandran, V.--116/Mas/81, 117/Mas/81, 118/Mas/81.

Robinson, R. A.-680/Cal/81.

Ryazansky Radiotekhnichesky Institut.-658/Cal/81.

S

Sagar, K. V.—115/Mas/81.

Saini, A. K.-361/Del/81.

Sanz, J. A.—349/D:1/01, 350/Del/81, 351/Del/81.

Satyanarayana Han, Z.-115/Mas/81.

Schlumberger Limited - 596/Cal/81.

Sealed Power Corporation.-646/Cal/81.

Secretary of State of the Lefence in Her Britannic Majesty's Government of the office Kingdom, The.—394/Del/81.

Serkov, A. T.--635/Cal/81.

Se hadri, C. S.—124/ N. 5/81.

Sneppard, J.—158/Ber 81.

Shimko, I. G.-659/Cc1/81.

Shri Gaur Dham Trust. -354/Del/81, 355/Del/81.

Sibit S.p A.—692/Cal/81

Simplex Concrete Piles (India) Pvt. Ltd.—114/Mas/81.

Singh, D.B.B.K.—624 Cu/81

Singh, G. (Ex-Captain)-415/Del/81.

Singh, I.-400/Del/81.

Singh, K. (Kaka).—416/Del/81.

Singh, K. (Kapur).—416/Del/81.

Sinha, D. K.-384/Del/81, 385/Del/81.

Sinniah, N. S. V.—125/Mas/81

Skega Aktiebolag-612/Cal/81.

Skvortsova, L.F.—659/Cai/81.

Name

Appln. No.

S-Conid.

Smithkline Corporation.—418/Del/81.

Smith Kline & French Laboratories Limited.—357/Del/81.

Snamprogetti S.p.A.—587/Cal/81, 607/Cal/81.

Societe Chimique Des Charbonnages S.A.—367/Del/81.

Societe Nationale Des Poudres ET Explosifs.—412/Del/81.

Solbakken, H. O.—654/Cal/81.

Sony Eveready Inc.—356/Del/81.

Sopro Products, Inc.—695/Cal/81.

Sperry Corporation.—625/Cal/81, 626/Cal/81, 627/Cal/81.

Spetsialnoe Konstruktorskoe Bjuro Samokhodnogo Gornogo Oborudovania.—609/Cal/81.

Stamicarbon B. V.—613/Cal/81.

Sumac Engineering (R. & D. Cell).—369/Del/81.

Sunavala, P. D.(D1.).—152/Bom/81.

I

TBA Industrial Products Ltd.—388/Del/81.

Textiel Techniek Hasksbergen B.V.—414/Del/81.

Thakur, P.B -- 168/Bom/81.

Thomson-Brandt.-411/Del/81.

Triveni Engineering Works Ltd., The.—395/Del/81.

U

Union Carbide Corporation.—648/Cal/81, 661/Cal/81, 672/Cal/81, 682/Cal/81, 703/Cal/81, 704/Cal/81, 705/Cal/81, 706/Cal/81, 417/Del/81, 422/Del/81.

Union Carbide India Limited.—622/Cal/81. Uniroyal Ltd.—419/Del/81.

·v

VEB Filmfa rik Wolfen.-- 590/Cal/81.

Vapor Corpc ation.--402/Del/81, 403/Del/81. 404/Del/81.

Vermo it Ca tings, Inc.—: 92/Cal/81.

Vijaya Arts.-120/Mas/81.

Vimais, V.-115/Mas/81.

Voesi-Alpine Aktiengesellschaft.—699/Cal/81.

Vsesojužny Nauchno-Issiedovatelsky I Proektno-Konstruktor ky Institut Atomnogo Energeticheskogo Mashinostroenia.—666/Cal/81.

W

Wagener Schweim G.m.b.H. & Co.-716/Cal/81.

Wagh, Λ . S.—173/Bom/81.

Water eld Engineering Limited.—616/Cal/81, 617/Cal/81.

Wellci ne Foundation Limited, The.—707/Cal/81, 708/Cal/81.

Western India Plywoods Ltd., The.—109/Mas/81, 110/Mas/81.

Westin shouse Electric Corporation.—630/Cal/81, 631/Cal/81, 685/Cal/81.

Y

You, C.S. (Chin-San).-656/Cal/81.

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Controller-General of Patents, Designs
and Trade Marks